

AGENDA

LOGIC & ACCURACY TEST



February 13, 2024 Special Election
Date Conducted: January 25, 2024, 9:00 a.m.

- 1 Introduction and welcome
- 2 Purpose of testing
- 3 Summary of testing
- 4 Demonstration of accessible ballot marking device
- 5 Run test ballots and compare to expected results
- 6 Certification of voting equipment
- 7 Closing remarks

WELCOME & INTRODUCTIONS

KYLE HAUGH, ELECTIONS MANAGER

PIERCE COUNTY STAFF

Corbin Ensminger

Brad Pearsall

Amy Geisen

Mike Fitta

PURPOSE OF TEST

The purpose of this test is to ensure the entire tabulation system is functioning properly and fully prepared for the counting and tabulation of results on Election Day. The test is required by RCW 29A.12.130 and WAC chapter 434-335.

The Clear Access and Clear Count system has been prepared and fully tested in accordance with state law. Today, we will perform a full test of the tabulation system, tabulating votes marked on ballots printed by our vendor, ballots produced by the ballot on demand system, and ballots generated by the Clear Access units. Results will be compared to the expected results to ensure proper tabulation.

Today's Logic and Accuracy testing will be performed for each ballot style using the marking pattern as prescribed in WAC Chapter 434-335 and approved by the Office of the Secretary of State.

This official Logic and Accuracy Test is open to observation pursuant to state law.

SUMMARY OF TESTING TO DATE

The pre-testing of the ballots was as follows:

- One ballot from each ballot type was marked for the first position in each race.
- One ballot from each ballot type was marked for the second position in each race.
- A test deck was marked for varying positions in each race.

Ballot test decks were run through the Clear Count scanners to ensure that each ballot type was properly read by the system. Tests ensured that each ballot was counted and tabulated into the correct precinct.

Each accessible ballot marking device has been set-up and tested. A ballot was marked and printed on each device and the ballot is included in today's test.

Version numbers and hash checks of certified software were verified.

TEST OF ACCESSIBLE BALLOT MARKING DEVICES (CLEAR ACCESS UNITS)

Purpose of Test

To demonstrate the equipment's ability to function as an accessible ballot marking device for the purpose of marking and printing a ballot. State law requires the equipment to be available for voting in Election Offices eighteen days prior to the election.

Test Plan Description

One ballot will be selected at random from the testing deck. The selected ballot will be duplicated using a Clear Access unit. The ballot will be compared to verify accuracy and the machine-marked ballot will be reintroduced to the deck. This same procedure was performed on the other machines certified for use in this election.

TEST OF CLEAR COUNT SCANNERS AND RESULTS REPORTING

Purpose of Test

To demonstrate the equipment's ability to scan and tabulate ballots.

Test Plan Description

The test deck was marked according to the attached expected results.

A zero report will be printed.

A group of ballots will be scanned on each scanner. The server will merge and tabulate the images from each scanner. A summary report will be printed and expected results will be verified.

Ballots containing overvotes and undervotes are included in the test deck.

CERTIFICATION OF VOTING EQUIPMENT

Complete Logic and Accuracy Addendum verifying version numbers.

Complete Logic and Accuracy Certificate.

All Logic and Accuracy documents and test ballots will be sealed and archived with the Election.

Logic and Accuracy Test Special Election – February 13, 2024



This is to certify that on January 25, 2024, a Logic and Accuracy Test of
the voting system was conducted in the county of:

Pierce

All tests were conducted in accordance with RCW 29A.12 and WAC 434-335.


I, the undersigned, hereby certify that the election system successfully passed this logic and accuracy
test and correctly counted all ballots cast and is hereby ready for the upcoming election.


County Auditor or Designee

Others Present:




Party Representative – Democratic



Party Representative-Independent

Party Representative - Republican

Seal No. 05985

Logic and Accuracy Test Addendum

Clear Ballot

State of Washington Certification of Voting System

Certification

Voting System Pre-test

- ☒ I certify that the program and ballot counting system components have been thoroughly tested in accordance with WAC 434-335-275. This testing was performed and completed prior to the official Logic and Accuracy Test.

Accessible Voting Unit Logic and Accuracy Test

- ☒ I certify that the program and ballot counting system components for Accessible Voting Units have been thoroughly tested in accordance with WAC 434-335-520.

Electronic Ballot Delivery System

- ☒ I certify that the electronic ballot delivery system has been tested for all ballot styles.

Voting System Hardware, Firmware and Software

- ☒ I certify that the program and ballot counting system components are certified with the state, and version numbers of all software, firmware, and hardware of the voting system used for the Logic & Accuracy Test have not changed from the certified versions.

Tabulation System

ClearVote 2.1

Hardware and Firmware -

- ☐ Fujitsu fi-6400
- ☐ Fujitsu fi-6800
- ☐ Fujitsu-fi-7180
- ☐ Fujitsu-fi-7800
- ☐ Fujitsu-fi-7900
- ☐ IBML ImageTrac Lite Scanner 6000
- ☐ IBML ImageTrac DS 1210

Software -

- ☐ ClearDesign 2.1.0
- ☐ ClearAccess 2.1.0
- ☐ ClearCount 2.1.3

ClearVote 2.2

Hardware and Firmware -

- ☐ Fujitsu fi-6400
- ☐ Fujitsu fi-6800
- ☐ Fujitsu-fi-7180
- ☐ Fujitsu-fi-7800
- ☐ Fujitsu-fi-7900

Software -

- ☐ ClearDesign 2.2.4
- ☐ ClearAccess 2.2.2
- ☐ ClearCount 2.2.4

ClearVote 2.3

Hardware and Firmware -

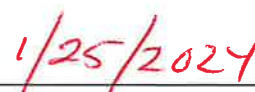
- ☐ Fujitsu fi-6400
- ☒ Fujitsu fi-6800
- ☐ Fujitsu-fi-7180
- ☐ Fujitsu-fi-7800
- ☐ Fujitsu-fi-7900
- ☐ IBML ImageTrac Lite Scanner 6000
- ☐ IBML ImageTrac DS 1210

Software -

- ☒ ClearDesign 2.3.0
- ☒ ClearAccess 2.3.0
- ☒ ClearCount 2.3.1

Signature


Signature


date



WASHINGTON
Secretary of State
Elections Division

L&A AVU test log

County Name: Pierce

Election Name & Date: Special Election February 13, 2024

Precincts in election	<input checked="" type="checkbox"/> All precincts in county <input type="checkbox"/> Subset of precincts (list precincts below or attach list)
AVU type	<input type="checkbox"/> Direct recording electronic (DRE) <input checked="" type="checkbox"/> Ballot marking device
Notes:	<i>observed [signature], GOP observer</i>

Machine name or number	Precincts (if not all precincts in the election are loaded on the AVU, indicate the precincts available on the machine)	Initials of tester	Time/date tested	Seal number
#3-A19C005927	ALL	BP	9:05 1/24/24	45850040
#5-I19C010585	ALL	BP	09:15 1/24/24	45850039
#6-I19C010578	ALL	BP	9:22 1/24/24	45850038
#7-I19C010580	ALL	BP	9:19 1/24/24	45850037
#8-I19C010577	ALL	BP	9:10 1/24/24	45850036

Zero Report
Pierce County, Washington, Special Election, Feb 13, 2024
All Precincts, All Districts, All Counter Groups, All ScanStations, All Contests, All Boxes
Total Ballots Cast: 0

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2024-01-25
09:09:30

Choice	Votes	Vote %
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All Precincts

Yelm Community Schools - Proposition No. 1 (Vote for 1)
0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Puyallup School District No. 3 - Proposition No. 1 (Vote for 1)
0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Tacoma School District No. 10 - Proposition No. 1 (Vote for 1)
0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)

Approved	0	0.00%
Rejected	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Carbonado School District No. 19 - Proposition No. 1 (Vote for 1)
0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Sumner-Bonney Lake School Dist. No. 320 - Proposition No. 1 (Vote for 1)
0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Sumner-Bonney Lake School Dist. No. 320 - Proposition No. 2 (Vote for 1)
0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Orting School District No. 344 - Proposition No. 1 (Vote for 1)
0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Clover Park School District No. 400 - Proposition No. 1 (Vote for 1)
0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)

Yes	0	0.00%
No	0	0.00%

Zero Report

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Pierce County, Washington, Special Election, Feb 13, 2024

2024-01-25

All Precincts, All Districts, All Counter Groups, All ScanStations, All Contests, All Boxes

09:09:30

Total Ballots Cast: 0

Choice	Votes	Vote %
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Eatonville School District No. 404 - Proposition No. 1 (Vote for 1)**0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)**

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Eatonville School District No. 404 - Proposition No. 2 (Vote for 1)**0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)**

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Auburn School District No. 408 - Proposition No. 1 (Vote for 1)**0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)**

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

2024 February Special Election
Logic and Accuracy Expected Results

Contest	Total Votes
Yelm Community Schools - Proposition No. 1	
Yes	5
No	10
Overvote	5
Puyallup School District No. 3 - Proposition No. 1	
Yes	5
No	10
Overvote	5
Tacoma School District No. 10 - Proposition No. 1	
Approved	5
Rejected	10
Overvote	5
Carbonado School District No. 19 - Proposition No. 1	
Yes	5
No	10
Overvote	5
Sumner-Bonney Lake School Dist. No. 320 - Proposition No. 1	
Yes	5
No	10
Overvote	5
Sumner-Bonney Lake School Dist. No. 320 - Proposition No. 2	
Yes	15
No	20
Overvote	5
Orting School District No. 344 - Proposition No. 1	
Yes	5
No	10
Overvote	5
Clover Park School District No. 400 - Proposition No. 1	
Yes	5
No	10
Overvote	5
Eatonville School District No. 404 - Proposition No. 1	
Yes	5
No	10
Overvote	5
Eatonville School District No. 404 - Proposition No. 2	
Yes	15
No	20
Overvote	5
Auburn School District No. 408 - Proposition No. 1	
Yes	5
No	10
Overvote	5

Notes:

The logic and accuracy matrix is designed using instructions found in WAC 434-335-323.

Card style refers to an individual ballot style that has a unique set of races on it. One card style may represent multiple precincts.

This matrix is used to determine the expected results for the logic and accuracy test.

Results
Pierce County, Washington, Special Election, Feb 13, 2024
All Precincts, All Districts, All Counter Groups, All ScanStations, All Contests, All Boxes
Total Ballots Cast: 225
11 precincts reported out of 430 total

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Choice	Votes	Vote %
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All Precincts

Yelm Community Schools - Proposition No. 1 (Vote for 1)

20 ballots (5 over voted ballots, 5 overvotes, 0 undervotes)

Yes	5	33.33%
No	10	66.67%
Total	15	100.00%
Overvotes	5	
Undervotes	0	

Puyallup School District No. 3 - Proposition No. 1 (Vote for 1)

20 ballots (5 over voted ballots, 5 overvotes, 0 undervotes)

Yes	5	33.33%
No	10	66.67%
Total	15	100.00%
Overvotes	5	
Undervotes	0	

Tacoma School District No. 10 - Proposition No. 1 (Vote for 1)

20 ballots (5 over voted ballots, 5 overvotes, 0 undervotes)

Approved	5	33.33%
Rejected	10	66.67%
Total	15	100.00%
Overvotes	5	
Undervotes	0	

Carbonado School District No. 19 - Proposition No. 1 (Vote for 1)

20 ballots (5 over voted ballots, 5 overvotes, 0 undervotes)

Yes	5	33.33%
No	10	66.67%
Total	15	100.00%
Overvotes	5	
Undervotes	0	

Sumner-Bonney Lake School Dist. No. 320 - Proposition No. 1 (Vote for 1)

45 ballots (5 over voted ballots, 5 overvotes, 25 undervotes)

Yes	5	33.33%
No	10	66.67%
Total	15	100.00%
Overvotes	5	
Undervotes	25	

Sumner-Bonney Lake School Dist. No. 320 - Proposition No. 2 (Vote for 1)

45 ballots (5 over voted ballots, 5 overvotes, 5 undervotes)

Yes	15	42.86%
No	20	57.14%
Total	35	100.00%
Overvotes	5	
Undervotes	5	

Orting School District No. 344 - Proposition No. 1 (Vote for 1)

20 ballots (5 over voted ballots, 5 overvotes, 0 undervotes)

Yes	5	33.33%
No	10	66.67%
Total	15	100.00%
Overvotes	5	
Undervotes	0	

Clover Park School District No. 400 - Proposition No. 1 (Vote for 1)

20 ballots (5 over voted ballots, 5 overvotes, 0 undervotes)

Results

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Pierce County, Washington, Special Election, Feb 13, 2024

2024-01-25

All Precincts, All Districts, All Counter Groups, All ScanStations, All Contests, All Boxes

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Total Ballots Cast: 225

11 precincts reported out of 430 total

Choice	Votes	Vote %
Yes	5	33.33%
No	10	66.67%
Total	15	100.00%
Overvotes	5	
Undervotes	0	

Eatonville School District No. 404 - Proposition No. 1 (Vote for 1)**40 ballots (5 over voted ballots, 5 overvotes, 20 undervotes)**

Yes	5	33.33%
No	10	66.67%
Total	15	100.00%
Overvotes	5	
Undervotes	20	

Eatonville School District No. 404 - Proposition No. 2 (Vote for 1)**40 ballots (5 over voted ballots, 5 overvotes, 0 undervotes)**

Yes	15	42.86%
No	20	57.14%
Total	35	100.00%
Overvotes	5	
Undervotes	0	

Auburn School District No. 408 - Proposition No. 1 (Vote for 1)**20 ballots (5 over voted ballots, 5 overvotes, 0 undervotes)**

Yes	5	33.33%
No	10	66.67%
Total	15	100.00%
Overvotes	5	
Undervotes	0	